

Letters of Approval

Notes & Comments RECEIVED 5-5-84

MAY 17 1985

Memorandum to: File

Division of
Environmental Health

Through: Montie L. Keller, Environmental Health manager, Compliance Section

From: James Stephens, Environmental Health Scientist

Subject: Annual Inspection, Coop Coal Mine, Emery County, 11-14-84

On November 14, 1984, I inspected the Coop Coal Mine in Emery County, MS. Wendell Owen, Mine manager accompanied me on the inspection.

The truck load-out facilities, conveyor belts, drop points, haul roads were free from dust. There are no crushing or sizing equipment located at the mine.

Raw coal is transported from the mine by truck. The coal was 6% moisture.

Recommendation: No further action necessary at this time.

M. Compliance (MS)

Jim/



TYPE OF INSPECTION FOLLOW-UP () INITIAL ANNUAL (X) STACK TEST SURVEILLANCE () CEM COMPLAINTS ()
 DATE 11-14-84 TIME ARR 10:05 AM TIME DEPT 10:30 AM

COMPANY COOP MINING
 CONTACT W. J. Kline
 PHONE # 746-5777
 LOCATION HUNTINGTON (CAYAN)
 SOURCE COAL CAVING + LEAD-OUT
 TYPE FUEL N/A
 POINT OF EMISSION OVER LEAD-OUT + CONCRETE
 HEIGHT OF DISCHARGE POINT 40 FEET
 DIMENSIONS 15 x 15 FEET

OBSERVER JAMES STEPHENS
 OBSERVER CERTIFICATION DATE 10-10-84
 OBSERVER SIGNATURE James E. Stephens
 COPY OF REPORT GIVEN TO W. J. Kline (MINE MGR)
 SRF CODE mine manager
 CONTACT SIGNATURE: W. J. Kline

OBSERVATION & WEATHER CONDITIONS

OBSERVERS DISTANCE TO SOURCE 150 FEET
 BACKGROUND DESCRIPTION BLUE SKY
 PLUME DESCRIPTION _____ Wx CONDITION _____
 COLOR INVISIBLE WIND SPEED 05 MPH
 DISTANCE VISIBLE N/A WIND DIRECTION FROM NORTH
 STEAM PLUME (YES) (NO X) AMBIENT TEMP. 50°F
 ATTACHED (YES) (NO X) RELATIVE HUMIDITY 60%
 LENGTH OF STEAM PLUME N/A

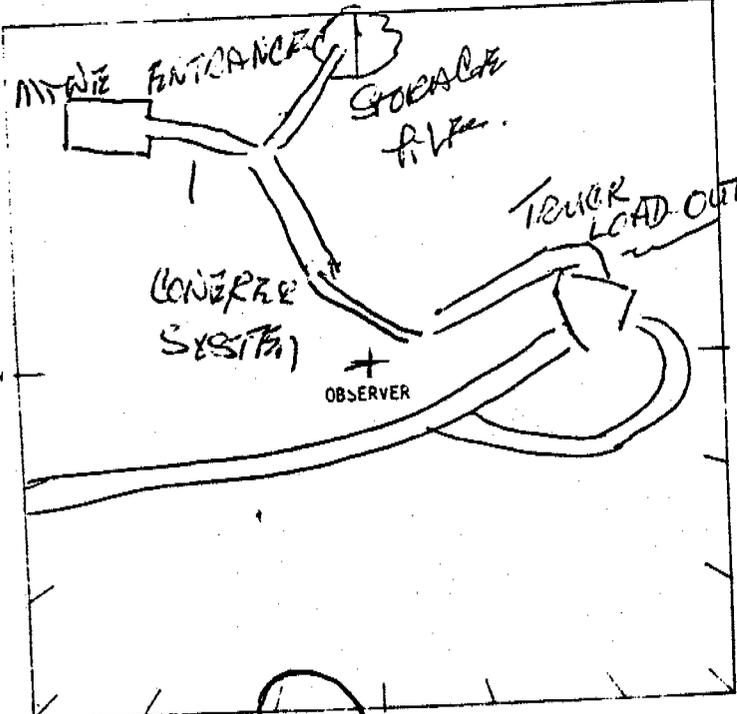
OPERATING PARAMETERS OF SOURCE - NORMAL (YES) (NO)
 ACTUAL 250,000 TONS/YR
 DESIGN 250,000 TONS/YR
 CONTROL FACILITY NATURAL MOISTURE 10%
 DESIGN EFFICIENCY N/A

STACK TEST INFORMATION

MAXIMUM ALLOWABLE EMISSION RATE _____
 LAST TEST DATE _____ NEXT TEST DUE DATE _____
 EPA METHOD N/A
 TIME _____

| APPLICABLE REGULATIONS | LIMITATIONS MET |
|--------------------------------|-----------------------|
| <u>4.5 MACK 20%</u> | (YES <u>X</u>) (NO) |
| <u>7.5 MACK (GRADE)</u> | (YES <u>X</u>) (NO) |
| <u>4.5 MACK (GRADE) 2 BINS</u> | (YES <u>X</u>) (NO) |

A.O. dated 7-31-82
 A.O. dated 10-20-83 - Both in file



| No. | Hr:Min. | SECONDS | | | | AVG. |
|-----|---------|---------|----|----|----|------|
| | | 0 | 15 | 30 | 45 | |
| 1 | 10:15 | 0 | 0 | 0 | 0 | |
| 2 | :16 | 0 | 0 | 0 | 0 | |
| 3 | :17 | 0 | 0 | 0 | 0 | |
| 4 | :18 | 0 | 0 | 0 | 0 | |
| 5 | :19 | 0 | 0 | 0 | 0 | |
| 6 | :20 | 0 | 0 | 0 | 0 | |
| 1 | :21 | 0 | 0 | 0 | 0 | |
| 2 | :22 | 0 | 0 | 0 | 0 | |
| 3 | :23 | 0 | 0 | 0 | 0 | |
| 4 | :24 | 0 | 0 | 0 | 0 | |
| 5 | :25 | 0 | 0 | 0 | 0 | |
| 6 | :26 | 0 | 0 | 0 | 0 | |

MAY 17 1985

Form No. 107 3-66

DIVISION OF OIL
GAS & MINING

CHANGE APPLICATION NO. A-12921

Application for Permanent Change of Point of Diversion Place and Nature of Use of Water STATE OF UTAH

Please clearly and correctly complete the information requested below which defines the right or rights being changed. (Type or clearly print.)

For the purpose of obtaining permission to permanently change: the point of diversion , place , or nature of use , of water rights acquired by Charles W Kingston A-35836 (93-1067)
(Give Number of Application, certificate of appropriation, title and date of Decree or other identification of right.)

If the right described has been amended by a previous approved change application, give the number of such change application. No. a-6330

- The name of the applicant is Mrs. Charles W. (Lavenda) Kingston
- The post-office address of the applicant is 862 East Garfield Ave. SLC, Utah 84110
- The flow of water which has been or was to have been used in second-feet is .25
- The quantity of water which has been or was to have been used in acre-feet is _____
- The water has been or was to have been used for and during periods as follows:

| | | | | | |
|------------|------|---------------|----|---------------|-------|
| Irrigation | from | April 1 | to | October 31 | incl. |
| (purpose) | | (month) (day) | | (month) (day) | |
| Mining | from | January 1 | to | December 31 | incl. |
| (purpose) | | (month) (day) | | (month) (day) | |

and stored each year (if stored) _____ from _____ to _____ incl.
(month) (day) (month) (day)
- The direct source of supply is Tunnel (TRAIL CANYON) in Emery County.
(well, spring, stream, drain, river; if other explain)
- The point or points of diversion N. 210 ft. & W. 320 ft. from E&W Cor. Sec. 22, T16S, R7E, SLBM Hiawatha Quad, San Rafael R. Hydro Survey Sheet 21

(Must be the same as that of right being changed unless a previous change has been filed and approved. Then use the point or points approved in the previous change.)

8. Diversion works:

- If a well give diameter and depth _____
- If a dam and reservoir give height, capacity, and area inundated _____
- If other give type of diversion facility Pump and pipeline

9. The water involved has been or was to have been used for the following purposes in the following described legal subdivisions: (If used for irrigation, state sole or supplemental supply, and describe other supplemental rights.)

- Irrigation SE&SE Sec. 22, NE&NE Sec. 27; T16S, R7E, SLBM
- Total acres to be irrigated 50
- Stockwatering (number and kind) _____
- Domestic (number of families and/or persons, etc.) _____
- Other Mining

10. The point at which water has been or was to have been returned to the stream channel is situated as follows: (Please describe method of return.)

Note: Paragraph 10 is to be completed only when all or part of the water is returned to the natural stream or channel.

The Following Changes Are Proposed

- The flow of water to be changed in cubic feet per second is 0.25
- The quantity of water to be changed in acre-feet is _____

Num _____
Appk _____
Alpha _____
T&R _____

13. The water will be used each year for:
 Irrigation from April 1 to October 31 incl.
 (purpose) (month) (day) (month) (day)
 Mining from January 1 to December 31 incl.
 (purpose) (month) (day) (month) (day)
 and stored each year (if stored) from _____ to _____ incl.
 (month) (day) (month) (day)

14. It is now proposed to divert the water from Tunnel (BEAR CANYON)
 (i.e., spring, spring area, stream, river, drain, well, etc.)
 at a point(s) as follows: N. 79 ft. & E. 75 ft. from the SW cor. Sec. 24
 T16S, R7E, SLBM Hiawatha Quad. San Rafael R. Hydro Survey Sheet 21
 (2 1/2 miles NW of Huntington)

NOTE: The "point of diversion," or "point of return," must be located by course and distance or by rectangular distances with reference to some regularly established United States land corner or United States mineral monument if within a distance of six miles of either, or if a greater distance to some prominent and permanent natural object. A spring area must also be described by metes and bounds.

15. The proposed diverting and conveying works will consist of: (if a well, state diameter and depth thereof)
 Pump and Pipeline

16. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____
 area inundated in acres _____ legal subdivisions of area inundated _____

17. The water is to be used for the following purposes in the following described legal subdivisions: (if used for irrigation, state sole or supplemental supply, and describe other supplemental rights.)
 Irrigation SE 1/4, NE 1/4, SEC. 26; T 16S, R7E, SLM

Total acres to be irrigated .50

but limited to the sole irrigation supply of _____ acres.

Stockwatering (number and kind) _____

Domestic (number of families and/or persons, etc.) _____

Other Mining _____

18. If paragraphs 11 and 12 designate that only part of the right described in paragraphs 1 to 10 inclusive is to be changed, designate the status of the water so affected by this change as to its being abandoned or used as heretofore.

EXPLANATORY

The following additional facts are set forth in order to define more clearly and completely the full purpose of the proposed change: The change in the point of diversion is due to
 a change in the location of mining tunnel

The undersigned hereby acknowledges that even though he may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the State Engineer's Office, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant.

Laverdia Kingston
 Signature of Applicant

(This page not to be filled in by applicant)

STATE ENGINEER'S ENDORSEMENTS

1. Sept 2, 1983 Change Application received over counter by mail in State Engineer's office by AP
2. _____ Priority of right to make change brought down to, on account of _____
3. _____ Fee for filing Application \$ _____, received by _____, Receipt No. _____
4. _____ Application microfilmed by _____ Roll No. _____ and indexed by _____
5. _____ Application platted by _____
6. 9-2-83 Application examined by AP
7. _____ Application returned, with letter, to _____ for correction
8. _____ Corrected application resubmitted over counter by mail to State Engineer's office _____
9. 9-2-83 Application approved for advertisement by AP
10. _____ Notice to water users prepared by _____
11. Dec. 21, 1983 Publication began, was completed Dec 28, 1983 Jan. 4, 1984 Emery Co. Progress
12. _____ Proof slips checked by _____
13. 1-30-84 Change Application protested by 1) Huntington City
14. _____ Publisher paid MEV No. _____
15. _____ Field Examined by _____
16. 8/20/84 Application designated for approval rejection by AP
17. _____ Change Application copied _____ proofread by _____
18. 9-28-84 Change Application approved rejected and returned to applicant _____

This application is approved on the following conditions:

1. Actual construction work necessitated by proposed change shall be diligently prosecuted to completion.
2. Proof of change shall be submitted to the State Engineer's office by _____
3. This change is subject to all conditions imposed on the approval of the original application or right

P.O. 1-31-88

State Engineer

19. _____ Time for making proof of change extended to _____
20. _____ Proof of change submitted. _____
21. _____ Certificate of change No. _____ issued.

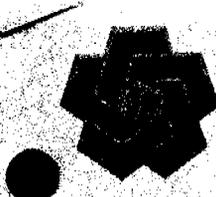
I hereby certify that the foregoing is a true copy of the Application by _____ to change the point of diversion, place and nature of use of water as shown, with endorsements thereon, on the records of my office on the date given below.

Salt Lake City, Utah _____, 19 _____

State Engineer

Change Application No. Q-12921

33-1067



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

September 12, 1983

Mr. Wendell Owen
Co-op Mining Company
P. O. Box 1245
Huntington, Utah 84528

RE: Completeness Determination
For NOV N83-5-2-2, #2
Bear Creek Canyon Mine
ACT/015/025
Folder Nos. 3 and 7
Emery County, Utah

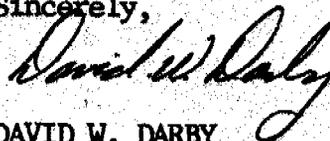
Dear Wendell:

The hydrologic staff has reviewed the material pertaining to NOV 83-5-2-2, #2 in your August 25, 1983 submittal. We have determined the material to be adequate and in compliance with UCA 40-10-18(1), UMC 817.43(a), (b), (c) and UMC 817.45(1).

We are still awaiting for information to process NOV N83-5-5-3, #2 and NOV 83-5-8-3.

If we can be of further assistance, please contact us anytime.

Sincerely,



DAVID W. DARBY
RECLAMATION HYDROLOGIST

DWD/btb

cc: J. Helfrich, DCGM
J. Whitehead, DCGM

Received Sept. 14, 1983
Called Darby to see what
he was lacking as we were
told at the Sept. 2nd
meeting we had everything
in and they were
reviewing it. WJO



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 4, 1983

#P396 996 891
CERTIFIED RETURN RECEIPT REQUESTED

Mr. Wendell Owen
Co-op Mining Company
P. O. Box 1245
Huntington, Utah 84528

RE: Interim Revegetation
Trail Canyon Mine
ACT/015/021, Folder No. 4
Bear Creek Canyon Mine
ACT/015/025, Folder No. 4
Carbon County, Utah

Dear Mr. Owen:

The Division hereby grants approval for Co-op Mining Company to implement the interim revegetation plan for the Bear Creek Canyon Mine that was submitted to the Division on September 28, 1983.

Per your verbal request to seed the 4/10 acre of the noncoal waste storage area in Trail Canyon according to the reclamation plan submitted to the Division on April 18, 1983, the Division hereby grants conditional approval as follows:

Condition #1

Should analysis and testing confirm PCB contamination of this area, Co-op Mining Company will comply with whatever remedial action is required by the Division to clean-up the PCB's, even to the extent of redisturbing the area and reclaiming it a second time.

Condition #2

All runoff from this area must pass through an approved sediment control structure until such time as adequate vegetation has been established and the Division approves the discontinuance of this practice.



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 29, 1983

Mr. Wendell Owen
Co-op Mining Company
P. O. Box 1245
Huntington, Utah 84528

RE: Completeness Determination for
Notice of Violations N83-5-5-3, #2
and N83-5-8-3, #3
Bear Creek Canyon Mine
ACT/015/025, Folder Nos. 3 & 7
Emery County, Utah

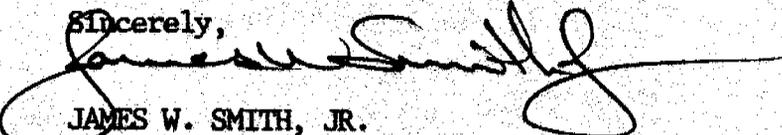
Dear Mr. Owen:

The Division of Oil, Gas and Mining staff has reviewed your recent submittal addressing the abatement of Notice of Violation's (NOV) N83-5-5-3, #2 (drainage on scalehouse area) and N83-5-8-3, #3 (drainage on upper storage pad). We have determined the material to be adequate and in compliance with Utah Code Annotated (UCA) 40-10-17(e) and UMC 817.23 for N83-5-5-3, #2 and UCA 40-10-18(2)(i) and UMC 817.43-.45 for N83-5-8-3, #3.

Approval is hereby granted to continue operations in these described areas in accordance with practices and procedures established in UCA 1953, Title 40-8 and regulations pertaining to surface effects of underground mining activities (UMC 700 through 944) promulgated under Title 40-10-1, UCA 1979.

For any further assistance, please contact us anytime.

Sincerely,



JAMES W. SMITH, JR.
COORDINATOR OF MINED
LAND DEVELOPMENT

JWS/DWD:btb

cc: J. Helfrich, DOGM
J. Whitehead, DOGM
D. Darby, DOGM



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

October 12, 1983

Mr. Wendell Owen
Co-op Mining Company
P. O. Box 1245
Huntington, Utah 84528

RE: Scalehouse Modification
Final Approval
Bear Creek Canyon Mine
ACT/015/025
Folder Nos. 3, 4 and 7
Emery County, Utah

Dear Mr. Owen:

The Division has reviewed all material submitted by Co-op Mining Company for the proposed scalehouse permit modification and have, to the best of our ability, found that it meets all requirements set forth under Title 40-10 UCA 1953 (Regulation of Coal Mining and Reclamation Operations), and UMC 700 et seq. (Surface Effects of Underground Coal Mining Activities).

Approval of the proposed scalehouse modification for the Bear Creek Canyon Mine permit is hereby granted and utilization of this facility may lawfully commence.

If you have any questions, please feel free to call.

Sincerely,

JAMES W. SMITH, JR.
COORDINATOR OF MINED
LAND DEVELOPMENT

JWS/EH:btb

cc: Carl Kingston, Co-op Mining Company
R. Daniels, DOGM
E. Hooper, DOGM
J. Helfrich, DOGM
J. Whitehead, DOGM



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. C. A. (Jim) Shroza, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801 533 5771

August 17, 1983

Mr. Wendell J. Owen
Co-op Mining Company
P. O. Box 1245
Huntington, Utah 84528

RE: Approval for Consolidation of
Topsoil Stockpiles
Bear Creek Canyon Mine
ACT/015/025, Folder Nos. 4 & 7
Emery County, Utah

Dear Mr. Owen:

Following is the approval of the proposed plan for consolidation of the several topsoil stockpiles located at Bear Canyon. The approval lists the deadlines for completing the work and a change in the recommended seed mix.

Please be aware that failure to meet these deadlines will subject Co-op to a violation for failure to operate in accordance with an approved plan.

Division approval is hereby granted to consolidate the topsoil piles in Bear Creek Canyon and provide accurate topsoil volume calculations by August 31, 1983 as proposed in Co-op Mining Company's June 24, 1983 submittal. Approval to implement protection measures of topsoil stockpiles is granted with the exception of utilizing the seed mix proposed. The use of the seed mix listed in Attachment 2-A is not recommended for topsoil pile protection as the shrubs included, given 20-40 years of growth, would in all likelihood cause problems in the topsoil redistribution process. It is suggested that Co-op utilize an appropriate seed mix for topsoil protection which does not contain shrubs.

Since fall seeding would produce the most optimal success in germination and establishment of a vegetative cover, seeding may occur as late as October 14, 1983.